

Application No.: 10/657,563
Art Unit: 3712

Attorney Docket No. 23247.00
Confirmation No. 3306

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1 Claim 1. (*Currently Amended*) A dummy practice rifle grenade, comprising:

2 a generally cylindrical nose cone having a central axis;

3 a cylindrical body having a central axis and having a front portion having a perpendicular front wall,

4 a central portion, and a rear portion having a perpendicular rear wall; and

5 a finned tail;

6 said nose cone having a front cone portion tapering axially inward to a front flat perpendicular to

7 said axis, a central cylindrical portion extending rearwardly from said front cone portion, and an inner taper

8 portion extending rearwardly from said central cylindrical portion and tapering axially inwardly to a rear flat

9 perpendicular to said axis;

10 said nose cone having a rear opening rear axial bore having a first diameter extending forward to

11 the intersection of said cylindrical portion and said inner taper portion, and having a central axial bore

12 having a second diameter smaller than said first diameter opening into said rear axial bore and extending

13 forward to a front wall located within said central cylindrical portion and about to a point about half the

14 length of said cylindrical portion, said rear axial bore and said central axial bore forming a cone inner step

disposed perpendicular to said axis;

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16 said cylindrical body front portion extending into said nose cone along said rear axial bore and
17 affixed thereto, said front wall resting against said cone inner step forming a volume defined by said
18 cylindrical body front wall, said central axial bore, and said central axial bore front wall, said volume
19 containing lead shot;

20 said cylindrical body rear portion and central portion having a rear opening axial bore extending
21 therethrough of such diameter as to receive a launching rifle nose;

22 said finned tail having a cylindrical portion coaxial with said cylindrical body and having a front
23 surface and a rear surface and having a plurality of radially extending outward therefrom;

24 said tail cylindrical portion extending over said rear portion of said cylindrical body and affixed
25 thereto.

1 Claim 2. (*Original*) The practice grenade of claim 1, wherein said finned tail cylindrical portion and said
2 cylindrical body rear portion have mutually engaging threads for removably affixing said finned tail
3 cylindrical portion to said cylindrical body.

1 Claim 3. (*Original*) The practice grenade of claim 2, wherein said finned tail has four fins equally radially
2 spaced around said cylindrical tail portion.

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1 Claim 4. (*Original*) The practice grenade of claim 3, wherein said lead shot is selected to provide a center
2 of gravity at a desired point along the length of said grenade.

1 Claim 5. (*Original*) The practice grenade of claim 4, wherein said nose cone is affixed to said front
2 portion of said cylindrical body by an adhesive material.

1 Claim 6. (*Currently Amended*) The practice grenade of claim 5, wherein the overall length of the practice
2 grenade is ~~about~~ 9 1/4 inches.

1 Claim 7. (*Original*) The practice grenade of claim 6, wherein the overall nosecone length is 3 3/4 inches;
2 the front flat diameter is 3/4 inch; the front cone portion length is 1 3/4 inches; the nose cone central
3 cylindrical portion is 2 inches in diameter and 1 inch in length; the nose cone inner taper portion is 1 inch
4 in length; the nose cone diameter at nose cone rear flat is 1 1/2 inches; the nose cone rear axial bore is 1
5 inch in length and 1 1/4 inches in diameter; the nose cone central axial bore is 1/2 inch in length and 7/8 inch
6 diameter; the cylindrical body overall length is about 6 1/2 inches; the cylindrical body axial bore is 7/8 inch
7 in diameter and 5 1/2 inches in length; the tail length between front and rear surfaces is 1 1/2 inches; the
8 tail cylindrical portion diameter is 1 3/4 inches; the tail fin length is 1 1/2 inches; and the tail fin thickness
9 is 3/8 inch.

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1 Claim 7 8. (*Currently Amended*) The practice grenade of claim 2, wherein said tail attachment and
2 receiving threads are 1 1/4 inch by 7.

1 Claim 8 9. (*Currently Amended*) The practice grenade of claim 1, wherein said nose cone and said tail
2 are made of a plastic material and said cylindrical body is made of aluminum.

1 Claim 9 10. (*Currently Amended*) The practice grenade of claim 8 9, wherein said plastic material is
2 a high-density polyethylene and said aluminum is 6061 aluminum.